State of Wisconsin Department of Natural Resources, CF/8 PO Box 7921, Madison, WI 53707-7921

Gypsy Moth Suppression Program Grant Application

Form 2400-131 (9/03) Page 1 of 2

Notice: Information requested on this form is required to apply for a grant under ch. NR 47, Wis. Adm. Code. The Department will be unable to process your application unless you complete and submit this form **postmarked by December 1**. Personal information collected will be used for program administration and may also be made available to requesters under Wisconsin's Open Records law [ss. 19.31 – 19.39, Wis. Stats.]

Part 1: Local Coordinator Information (County Coordinator)								
County			Local Coordinator Title					
Local Coordinator Name			Daytime Phone					
Street			Email Address					
City	State	Zip Code	Fax		Cell Phone			
Part 2: Municipal Coordinator Information								
Municipality			Municipal Coordinator Title					
Municipal Coordinator Name			Daytime Phone					
Street			Email Address					
City	State	Zip Code	Fax Cell Phone					
Part 3: Treatment Block Information								
Complete the following information for EACH block. Copy this form for EACH additional treatment block. Include all section numbers that fall within the block.								
Municipality Name			Treatment Block Number	Town	Range	Section		
Site Description (e.g., residential with oaks, park with mixed species, etc.)			Additional legal description if needed	Town	Range	Section		
Provide estimated acreage for each land ownership category listed below.								
Category A. Privately owned lands under 500 acres per owner will be cost shared up to 50%.								
Category B. Privately owned lands over 500 acres per owner will be cost shared up to 33%.								
Category C. Publicly owned lands will be cost shared up to 25%.								
Estimated total acres in treatment block								
D (4 T) (D) 1 3 T								

Part 4: Treatment Block Maps

Provide a GIS digital file of gypsy moth treatment blocks in the following format, *county coordinates will not be accepted:

- 1. ESRI's shapefile of the treatment block polygons in Wisconsin Transverse Mercator (WTM) NAD83 projection.
- 2. Each polygon must have a block name, treatment type, and county name associated to it in the shapefile attribute table. Treatment type will be determined after screening for endangered species.
- 3. For further details contact Nick Clemens, GIS Coordinator DATCP, (608) 224-4585 or email nick.clemens@datcp.state.wi.us.
- 4. Provide 2 printouts of the digitized map

Include the following information on each map printout:

- A. The treatment block boundaries; square off blocks and avoid irregular or rounded shapes; rectangular blocks are most effectively treated from the air; adjacent blocks need to be treated as one block.
- B. Mark all spray hazards and institutions in or near a block (schools, hospitals, nursing homes, etc.) with black triangles.
- C. The boundaries of land ownership categories. Identify the land ownership category in the northwest corner
 - Category A. Privately owned lands under 500 acres per owner, outline in black
 - Category B. Privately owned lands over 500 acres per owner, outline in blue
 - Category C. Publicly owned lands, outline in red
- D. The location of 1/40th-acre egg mass survey plots with a circle in black
- E. The results of 1/40th-acre egg mass surveys to the right of the survey plot circle

For residential areas, provide two paper copies of a tax assessor's map showing the location of residences in each treatment block. For rural areas, provide two paper copies of a plat map for each treatment block. Keep maps to a maximum size of 11"x17". Mark the following information on each map:

- A. The treatment block boundaries using a thin red marker.
- B. The location of each 1/40th-acre egg mass survey plot with a circle using a thin black marker.
- C. The results of $1/40^{th}$ -acre egg mass surveys to the right of the survey plot circle.

Gypsy Moth Suppression Program Grant Application

Form 2400-131 (9/03) Page 2 of 2

Part 5: Calculating Egg Masses Per Acre

- Select the appropriate row for the estimated number of acres in the block in Column A.
- Read across the row to find the minimum number of survey plots required in Column B.
- Add the egg mass results together to equal a sum in Column C.
- Divide the sum in Column C by the minimum number of required surveys in Column B to equal an average in Column D.
- Multiply the average in Column D by 40 to get the egg mass per acre in Column E.

• For blocks that contain both residential and rural areas, separate the land ownership categories and conduct the appropriate number of surveys within each acreage. Contact a Suppression Coordinator for help.

A Number of Acres in Block	Column B Minimum Number of Required Survey Plots	Column C Sum of Egg Masses in all Survey Plots	Column D Average Number Egg Masses Per Survey Plot C sum ÷ B = D average	Column E Egg Masses per Acre Estimated from D Average x 40			
20-50	3	(egg mass) = (C sum)	${\text{(C sum)}} \div \mathbf{B} = {\text{(D average)}}$	x 40 =egg masses per acre (D average)			
51-100	4	+++= (C sum)	${\text{(C sum)}} \div \mathbf{B} = {\text{(D average)}}$	x 40 =egg masses per acre (D average)			
101-200	6	+++ += (C sum)	${\text{(C sum)}} \div \mathbf{B} = {\text{(D average)}}$	x 40 =egg masses per acre (D average)			
Over 200	6, plus one plot for each additional 100 acres	++ additional plots as needed	${\text{(C sum)}} \div \mathbf{B} = {\text{(D average)}}$	x 40 =egg masses per acre (D average)			
		=(C sum)					
Part 6: E	ligibility Chec	klist					
		meet the following criteria to be el		nt and cost share funding:			
A. The block is: at least 20 contiguous acres in a compact and regular shape							
B. The canopy coverage is (check one): 25% or more on residential land and high use public recreational land, or 50% or more on rural land.							
C. The canopy coverage is 50% or more preferred hosts.							
Yes No							
D. As determined by 1/40 th acre surveys, the minimum average number of egg masses per acre is (check one):							
500 egg masses per acre on residential land and high use public recreational land, or 1000 egg masses per acre on rural land.							
) egg masses per Applicant Certi						
	1.1		11 1 41 6 1 4	1 1 1			
I certify that, to the best of my knowledge and belief, data provided on this form is true and correct, and in accordance with ch. NP 47. Wis. Adm. Code. No other state or federal aid, grent or loop programs are used to match this grent							
with ch. NR 47, Wis. Adm. Code. No other state or federal aid, grant or loan programs are used to match this grant. Local Coordinator Signature Date Signed							
Mail completed grant application postmarked by December 1 to the DNR Regional Gypsy Moth Suppression Coordinator listed in the instructions.							